

# **Annual Report of Major Project Exhibition**

**2017-18**

**Degree of Bachelor in Technology**

**DEPARTMENT OF COMPUTER SCIENCE & TECHNOLOGY**



**USHA MITTAL INSTITUTE OF TECHNOLOGY**

**S.N.D.T Women's University, Mumbai-49**

## The Project Exhibition Report of CST Department 2017-18

The CST Department had organized its Major Project Exhibition on Thursday, 12th and 13<sup>th</sup> April 2018. The students of VIII Semester B.TECH CST Department participated with their working projects. It was arranged in the Computer lab GCC 1, GCC 2, GCC 3, GCC 4 and Research lab between 9 am and 5 pm, with 22 teams participating in the exhibition.

As a part of their academic syllabus, students completed the projects under the guidance of faculty members of the department. They demonstrated the working of their projects using charts and models to the visitors.

The exhibition covered various Projects as follows:

GroupNo.	Project Title
1.	Online toxic comment classification using machine learning
2.	COCAINE: Cumulative online communicating application in a networking
3.	Improved security system at educational campuses using IOT platform
4.	Recommendation system using Hadoop and map reduce algorithm
5.	An Event-Driven University Campus Navigation System on Android Platform
6.	Inclusion of e-Commerce Workflow with NoSQL DBMS: MongoDB Document Share
7.	Android application for stock prediction by using fuzzy logic
8.	Framework for context-aware computation offloading in mobile cloud computing
9.	Detection and Prediction of Phishing Websites using Classification Mining Techniques
10.	Performance comparison of AES with Triple DES
11.	A Smart Attendance Management system for an organization
12.	The minimalist Data managing Tool
13.	Audio vision substitution for Blind Individuals: Addressing human information processing capacity limitation
14.	Data Mining and Information Extraction using Naive Bayes Algorithm
15.	Predicting Indian election winners using machine learning techniques
16.	Droid Detector: An application for detection of malicious applications
17.	Smartphone application to assist visually impaired people
18.	Wrist Whirl: One-handed Continuous smart watch Input using wrist gestures
19.	Lead management system
20.	Including AI in a routing protocol using software defined networks
21.	Analysis of film data based on NEO4J
22.	Advanced Intelligent Tourist guide

The students of Computer Department from all the junior classes visited the exhibition and interacted with the senior students. Some of the visitors were from other classes and also from other streams.

This exhibition was arranged as a part of CST Department activities and the faculty members of CST department provided guidance to the students for the successful execution of the program. All the students, the participating teams as well as the students visiting the exhibition enjoyed the event.

The details of prize winners are as follows

## **1<sup>st</sup> Prize**

WristWhirl: One-handed Continuous smart watch Input using wrist gestures





Shruti Mestry(27), Latika Vartak(47), Aarti Wadekar(49)

## 2<sup>nd</sup> Prize

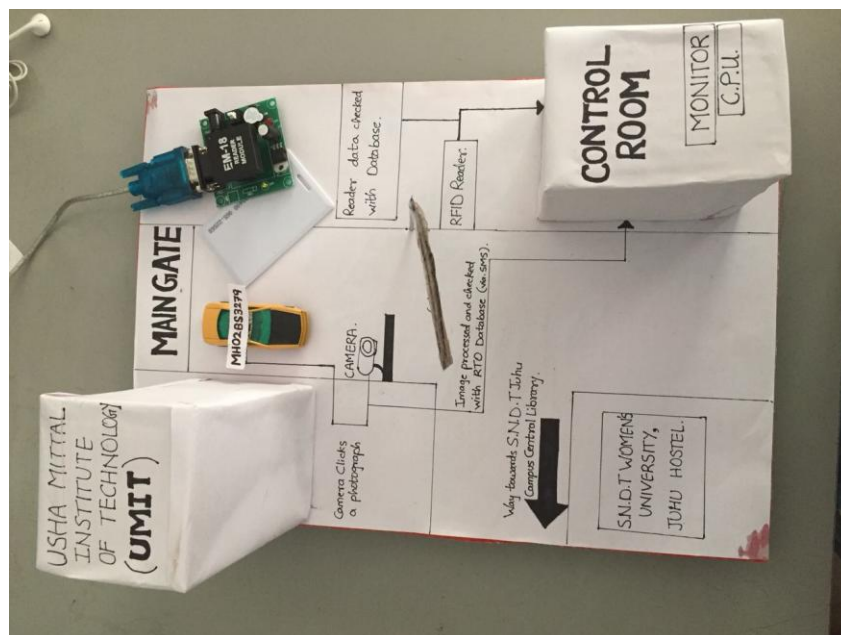
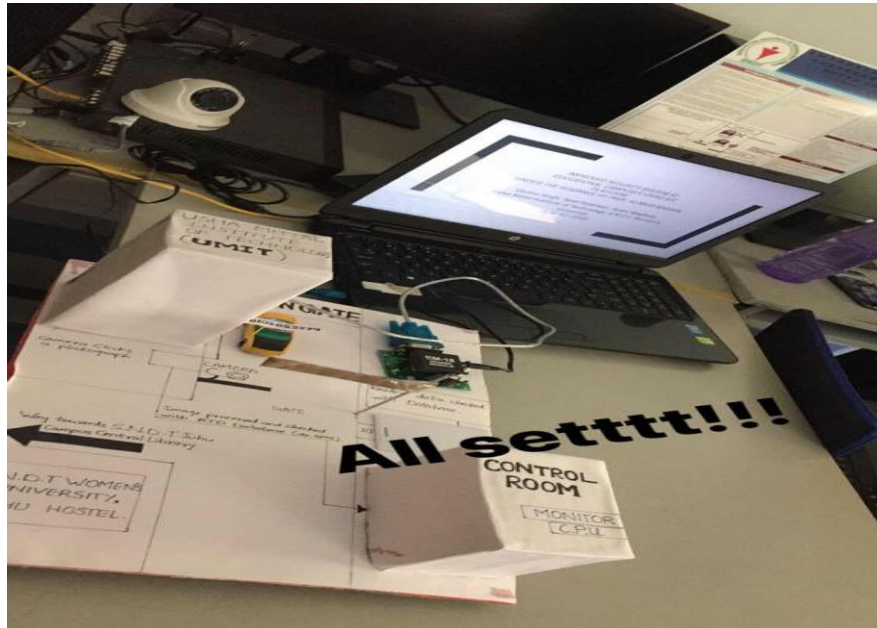
Audio vision substitution for Blind Individuals: Addressing human information processing capacity limitation



Akanksha Goja, Vaishali Gunduka, Mahima jain

### 3<sup>rd</sup> Prize

Improved security system at educational campuses using IOT platform





Varsha singh(43), Syed Nowreen(45), Avani Waghela(50)

The projects were judged on the basis of uniqueness of the idea, way of presentation, level of technology used and social importance of the project. The judges were Ms Sonali Nirgude and Dr. Ruchika Gupta. Ms Sonali Nirgude has more than 15 years of industry experience in companies Majesco and Mastek and now started her own company. Dr. Ruchika Gupta completed her doctorate degree recently.

### **Prizes of CST department exhibition**

#### **1<sup>st</sup> Prize**

Group No.	Name of students	Project Title
18	Shruti Mestry(27) Latika Vartak(47) Aarti Wadekar(49)	WristWhirl: One-handed Continuous smartwatch Input using wrist gestures

2<sup>nd</sup> prize

Group No.	Name of students	Project Title
13	Akanksha Goja Vaishali Gunduka Mahima jain	Audio vision substitution for Blind Individuals: Addressing human information processing capacity limitation

3<sup>rd</sup> prize

Group No.	Name of students	Project Title
3	Varsha singh(43) Syed Nowreen(45) Avani Waghela(50)	Improved security system at educational campuses using IOT platform